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PHOTOGRAPHIC INTERPRETATION REPORT



VITAL RECORDS COPY

KAPUSTIN YAR/VLADIMIROVKA
MISSILE TEST CENTER
USSR

TROOP TRAINING AREA;
SSM BIVOUAC AREA;
COMPLEX C ADMINISTRATION,
HOUSING, SERVICE AREAS
NORTH AND SOUTH

APRIL 1967
COPY 116
18 PAGES

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Declass Review by NIMA/DOD

GROUP 1: EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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PHOTOGRAPHIC INTERPRETATION REPORT

KAPUSTIN YAR/VLADIMIROVKA
MISSILE TEST CENTER, USSR

TROOP TRAINING AREA;
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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

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PREFACE

This report is one of a series prepared under NPIC Project 11211/66, in response to CIA requirement C-DI5-82,975, which requests detailed line drawings, to scale, of selected elements of the Kapustin Yar/Vladimirovka Missile Test Center (KY/VLAD MTC, Figure 1). The basic layout of the selected elements contained in this and other associated reports was compiled from high-resolution photography. Individual reports will be updated periodically upon completion of the series, in order that changes may be reflected as they are observed on subsequent photography.

The precision target plots included in this report are mathematically rectified projections of the area. Plots are compiled by utilizing precision mensuration instruments, and image interpretation is performed with the aid of stereoscopic viewing equipment. Identifiable image points are measured and their coordinate values mathematically transformed by computer. This transformation corrects for camera and attitude (pitch, roll, and yaw) induced distortions, but does not correct for displacement due to ground relief and object height.

The horizontal and vertical dimensions included in this report are accurate to within plus or minus 5 feet or plus or minus 5 percent, whichever is greater.

These target plots represent the most accurate data compiled to date, but the user is cautioned to exercise care in scaling distances or determining azimuths from these plots, because relief can introduce errors in distance and alignment.

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KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR
TROOP TRAINING AREA; SSM BIVOUAC AREA
COMPLEX C ADMINISTRATION, HOUSING, AND SERVICE AREAS
NORTH AND SOUTH

These 4 areas, because of their similar function and somewhat general proximity, have been combined for the purpose of this report.

TROOP TRAINING AREA
(48-42N 46-15E)

The Troop Training Area, located 1 nm north of Launch Complex A, was first seen under construction in [] and can be negated

[]. Significant construction activity has been observed, primarily during the summer months, through []

The Troop Training Area (Figures 2 and 3) consists of more than 70 miscellaneous structures/buildings, including 28 barracks buildings, 3 barracks/administration buildings, 5 messhalls, and a coal-fed heating plant. A secured motor pool, on the west side of the training area, contains 5 vehicle maintenance buildings and a motor pool operations building. A small secured area with 2 buildings and 2 unidentified structures is west of the motor pool. More than 30 additional miscellaneous buildings/structures are located throughout the entire troop training area, including 5 buildings under construction. A small secured area, located in front of the main area, contains an earth-mounded probable water tank, a pumphouse, and 2 tanks under construction just outside the security fence.

An open field training area, north of the cantonment area, contains several long, parallel rows of old tent bases and numerous scarred areas where field training exercises have been observed in progress.

The Troop Training Area and associated open training areas appear to be used primarily for the billeting and maneuver space of tactical missile troops which seem to be brought to the missile test center for crew drill, readiness testing, and possibly operational missile firings.

SSM BIVOUAC AREA
(48-36N 46-10E)

The SSM Bivouac Area, 4.2 nm northwest of the Complex C Operations Area, was first seen in [] when the area was under construction. The major construction appeared complete by []

[] The building activity at the SSM Bivouac Area can be negated in [] however, the actual use of the area for bivouac and troop training activities was observed as early as []

The SSM Bivouac Area (Figures 4 and 5) presently consists of more than 80 miscellaneous structures/buildings including 8 two-story barracks, 18 barracks/administration buildings, a large messhall, and approximately 35 miscellaneous support buildings/structures and 11 unidentified structures near the barracks and barracks/administration buildings. A large motor pool area, in the northwest corner of the area, contains 5 large, drive-in vehicle maintenance buildings, a motor pool operations building, an earth-mounded structure, and a support building.

An open training area (Figures 6 and 7), immediately southwest of the cantonment area, contains 11 rectilinear hardstands positioned in a large

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"L" pattern. A small-arms firing range and 4 groups of former tent bases are located in the open side of the "L" pattern.

The SSM bivouac and open training area appears to function solely as billeting and training space for Strategic Rocket Force (SRF) troops (utilizing MRBM-IRBMs) which are brought to the missile test center for crew training and operational missile firings.

ADMINISTRATION, HOUSING, AND SERVICE AREA NORTH (48-36N 46-12E)

The Administration, Housing, and Service Area North, 2.5 nm northwest of the Complex C Operations Area, was first seen in [] when it consisted of 11 miscellaneous buildings and an earth-mounded structure. The area increased in size through [] when it appeared to be generally complete. The area can be negated in []

The Administration, Housing, and Service Area North (Figures 8 and 9) presently consists of 90 miscellaneous structures/buildings including 13 probable barracks, 5 barracks/administration buildings, 2 probable administration buildings, 21 general support buildings, 3 earth-mounded structures, and 6 storage buildings. Four small motor pools with 22 vehicle maintenance buildings are along the western side of the area. A messhall, outdoor theater, heating plant, and several miscellaneous structures complete the facilities.

The Administration, Housing, and Service Area North appears to provide billeting and support space for transient construction personnel while they are working at the missile test center.

ADMINISTRATION, HOUSING, AND SERVICE AREA SOUTH (48-35N 46-12E)

The Administration, Housing, and Service Area South, 2.2 nm west of the Complex C Operations Area, was first seen in [] when the test center was first covered on photography. When first seen in [] the area consisted of some 15 miscellaneous buildings/structures, an earth-covered structure, and a heating plant. The area appeared generally complete in [] with the exception of a vehicle maintenance building and several small support buildings which were in place by []

The Administration, Housing, and Service Area South (Figures 10 and 11) consists of more than 100 miscellaneous structures/buildings including 6 two- and three-story barracks, 2 single-story barracks, 2 two-story administration buildings, 3 earth-mounded structures, 2 outdoor theaters, and a heating plant with 2 associated water towers. A small electrical substation is on the west side of the area. A separately fenced motor pool, adjacent to the north side of the area, consists of 8 vehicle maintenance buildings and 2 earth-mounded structures. An additional heating plant, with 5 associated earth-mounded tanks, is located in the northwest corner of the motor pool. In addition to providing heat to this area, the heatplant probably supplies heat to the SSM Bivouac Area, which is a short distance to the north. Approximately 60 miscellaneous support buildings/structures are located throughout the area.

A small batch plant and a secured area with 2 buried water tanks and a pumphouse are east of the housing area, along the main access road.

The Administration, Housing, and Service Area South probably serves as an administrative support area for technicians and firing support personnel (i.e., cadre) who assist in range operations on a year-around basis.

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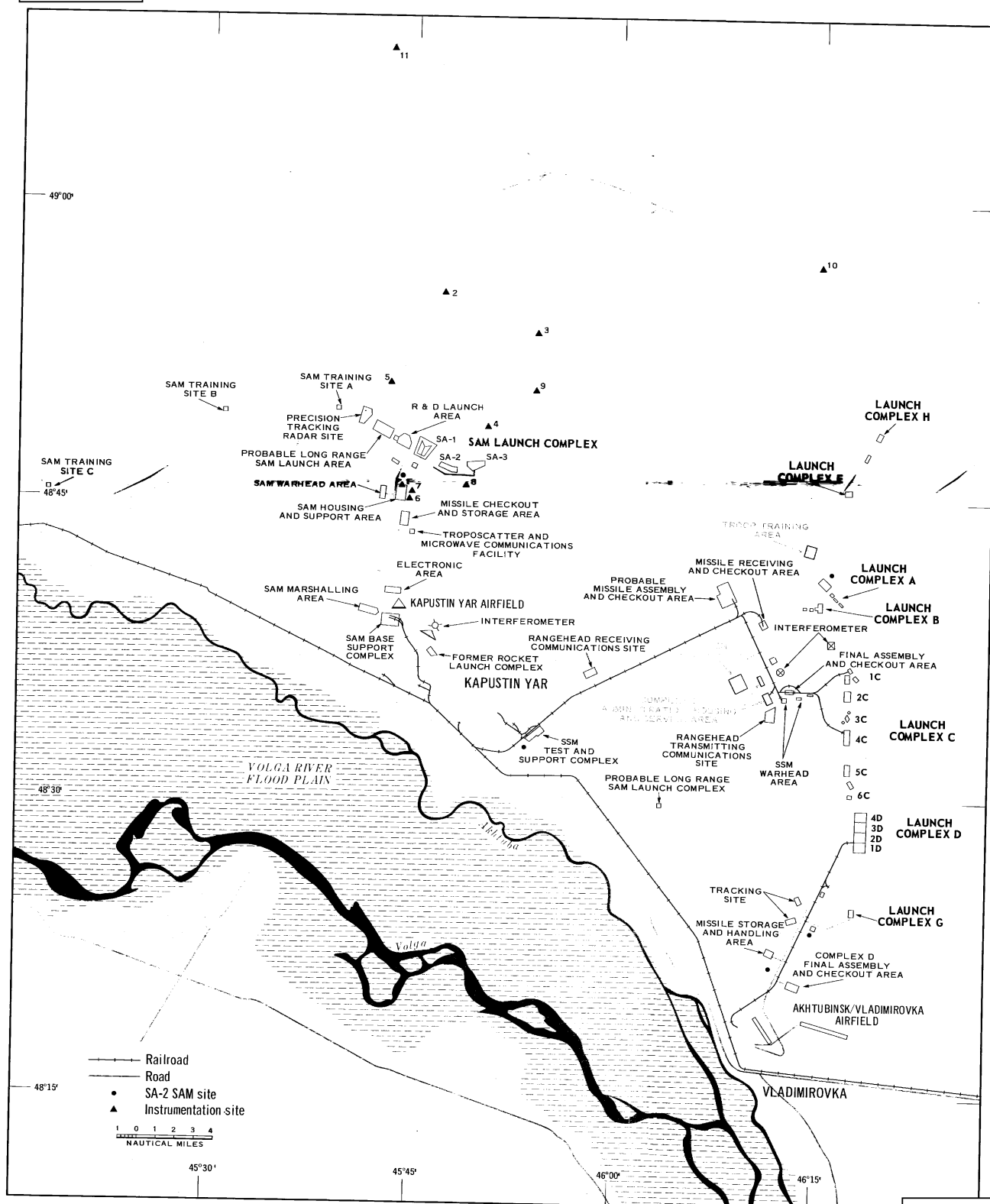


FIGURE 1. KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR.

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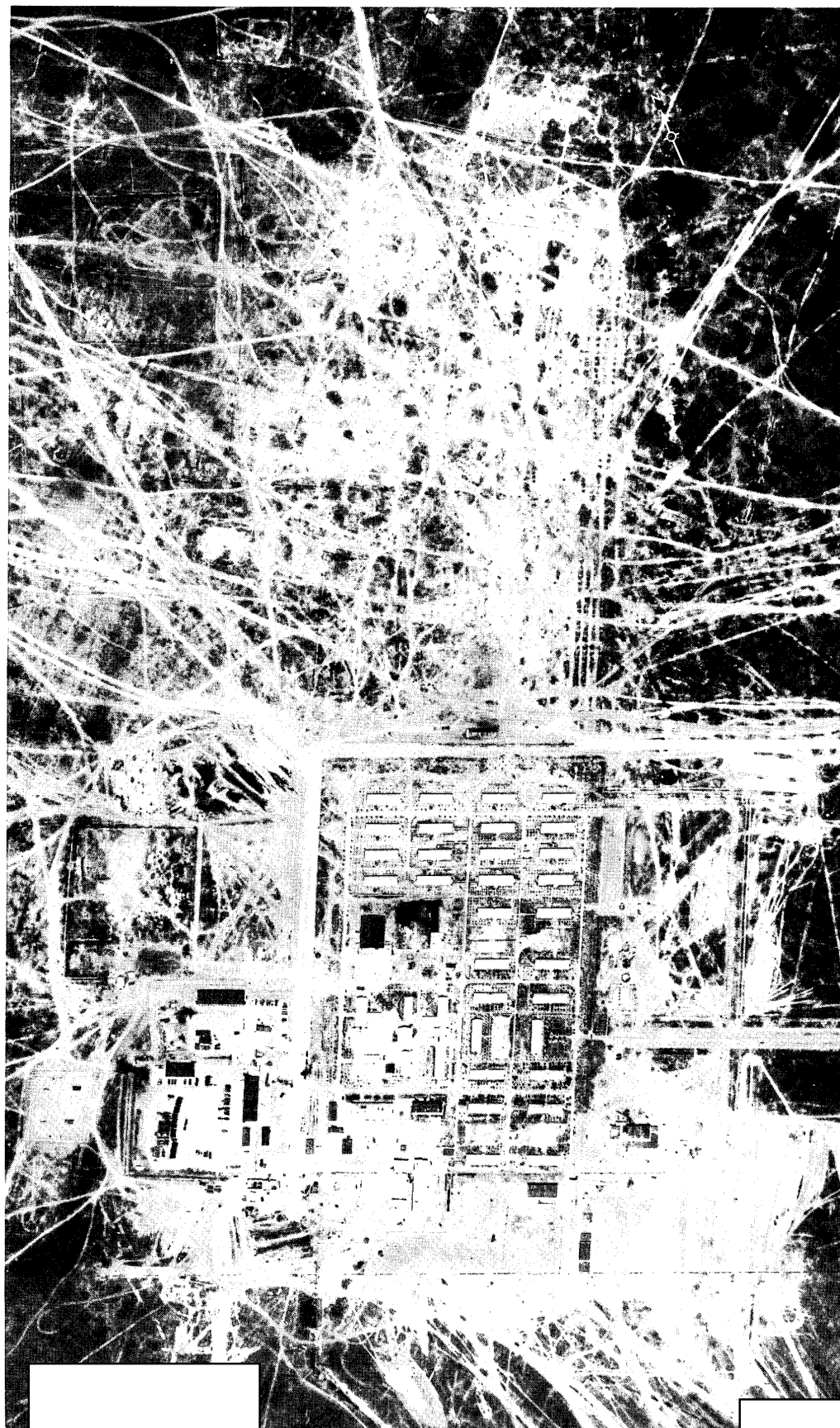


FIGURE 2. TROOP TRAINING AREA, KY/VLAD MTC.

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FIGURE 3. RECTIFIED PLOT, TROOP TRAINING AREA, KY/VLAD MTC.

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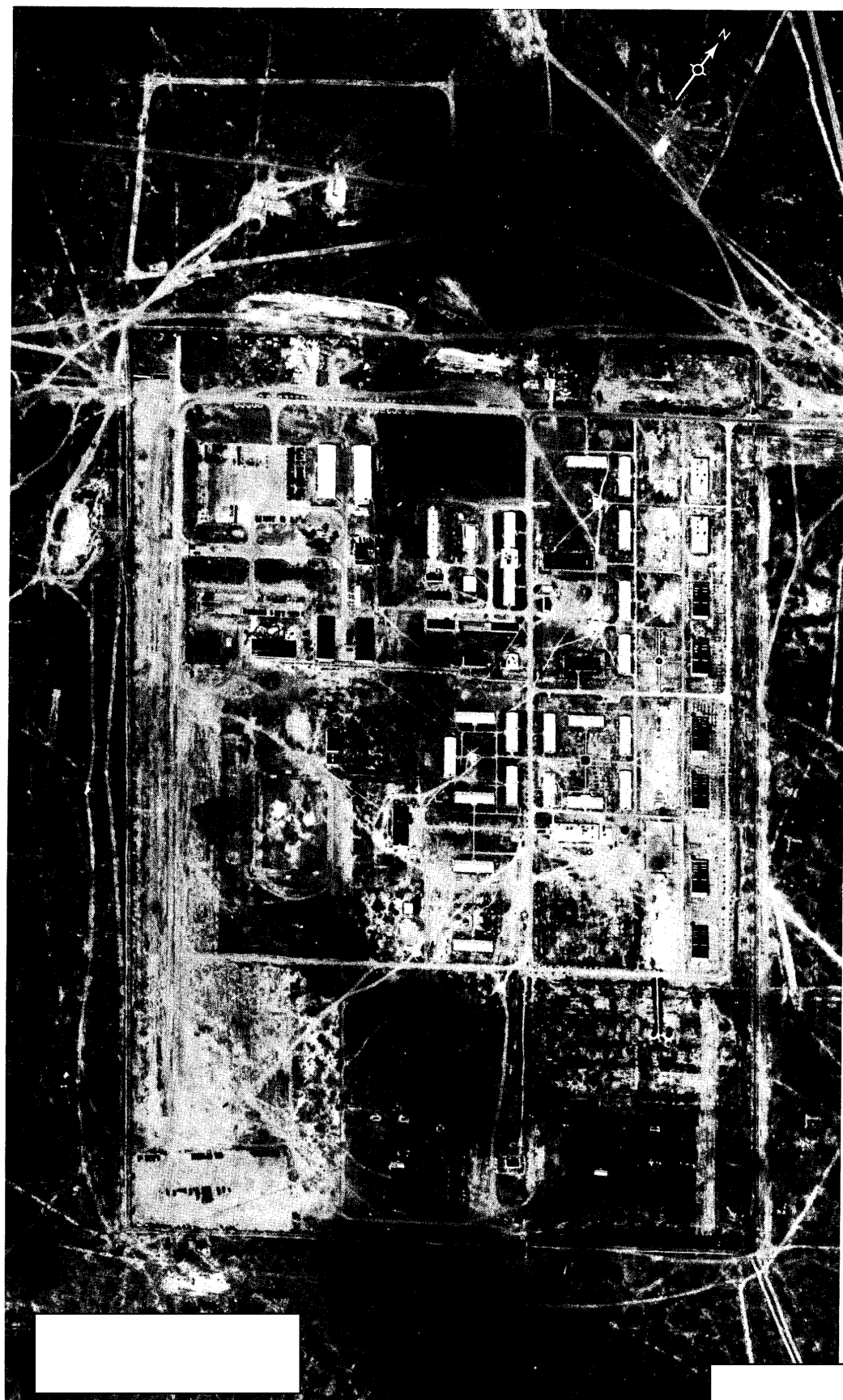
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FIGURE 4. SSM BIVOUAC AREA, KY/VLAD MTC.

- 6 -

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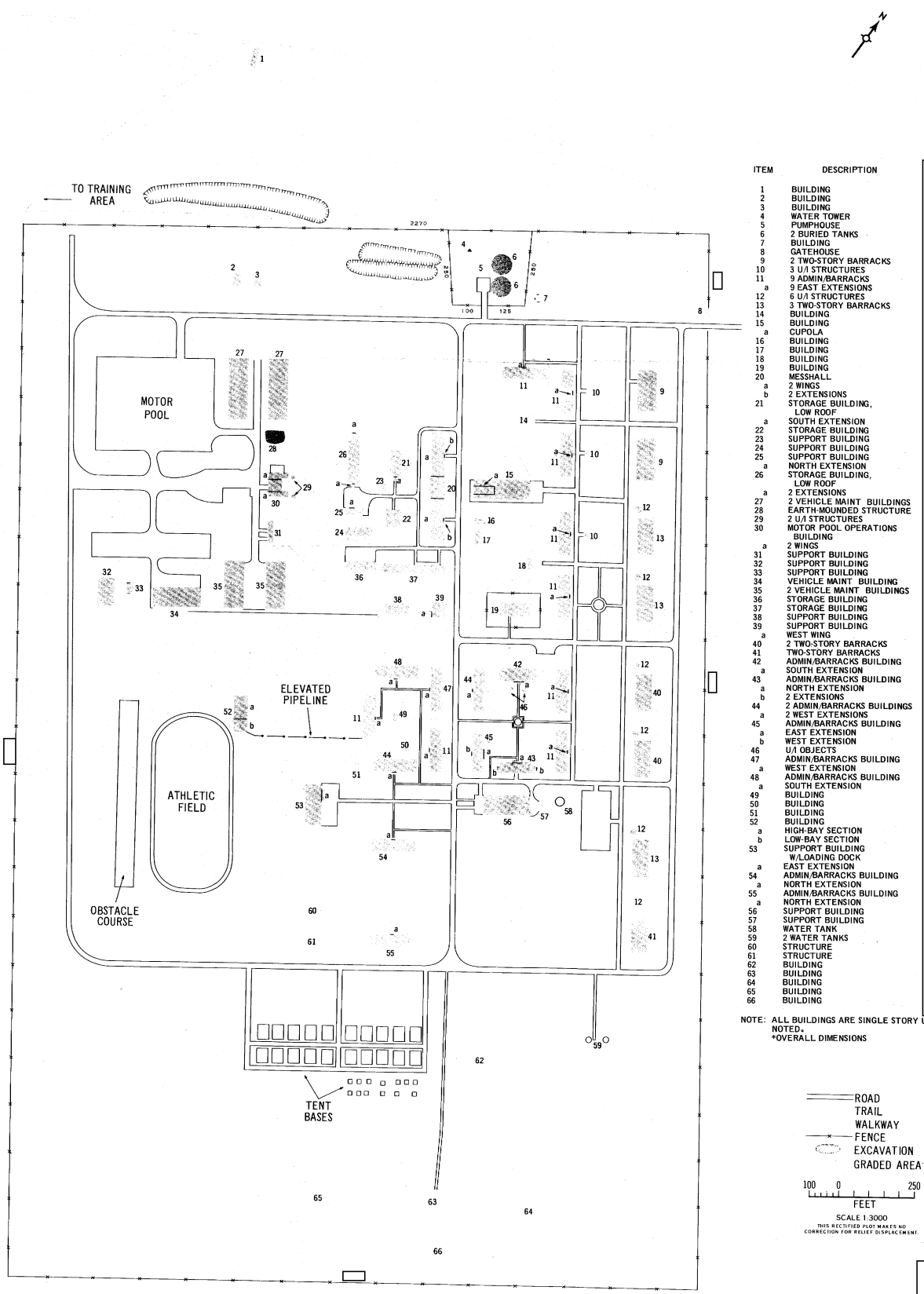
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ITEM	DESCRIPTION
1	BUILDING
2	BUILDING
3	BUILDING
4	WATER TOWER
5	PUMPHOUSE
6	2 BURIED TANKS
7	BUILDING
8	GATEHOUSE
9	2 TWO-STORY BARRACKS
10	3 U/A STRUCTURES
11	9 ADMIN/BARRACKS
a	9 EAST EXTENSIONS
12	6 U/A STRUCTURES
13	3 TWO-STORY BARRACKS
14	BUILDING
15	BUILDING
a	CUPOLA
16	BUILDING
17	BUILDING
18	BUILDING
19	BUILDING
20	MESSHALL
a	2 WINGS
b	2 EXTENSIONS
21	STORAGE BUILDING, LOW ROOF
a	SOUTH EXTENSION
22	STORAGE BUILDING
23	SUPPORT BUILDING
24	SUPPORT BUILDING
25	SUPPORT BUILDING
a	NORTH EXTENSION
26	STORAGE BUILDING, LOW ROOF
a	2 EXTENSIONS
27	2 VEHICLE MAINT. BUILDINGS
28	EARTH-MOUNDED STRUCTURE
29	2 U/A STRUCTURES
30	MOTOR POOL OPERATIONS BUILDING
a	2 WINGS
31	SUPPORT BUILDING
32	SUPPORT BUILDING
33	SUPPORT BUILDING
34	VEHICLE MAINT. BUILDING
35	2 VEHICLE MAINT. BUILDINGS
36	STORAGE BUILDING
37	STORAGE BUILDING
38	SUPPORT BUILDING
39	SUPPORT BUILDING
a	WEST WING
40	2 TWO-STORY BARRACKS
41	TWO-STORY BARRACKS
42	ADMIN/BARRACKS BUILDING
a	SOUTH EXTENSION
43	ADMIN/BARRACKS BUILDING
a	NORTH EXTENSION
b	2 EXTENSIONS
44	2 ADMIN/BARRACKS BUILDINGS
a	2 WEST EXTENSIONS
45	ADMIN/BARRACKS BUILDING
a	EAST EXTENSION
b	WEST EXTENSION
46	U/A OBJECTS
47	ADMIN/BARRACKS BUILDING
a	WEST EXTENSION
48	ADMIN/BARRACKS BUILDING
a	SOUTH EXTENSION
49	BUILDING
50	BUILDING
51	BUILDING
52	BUILDING
a	HIGH-BAY SECTION
b	LOW-BAY SECTION
53	SUPPORT BUILDING
a	W/LOADING DOCK
54	EAST EXTENSION
a	ADMIN/BARRACKS BUILDING
55	NORTH EXTENSION
a	ADMIN/BARRACKS BUILDING
56	NORTH EXTENSION
57	SUPPORT BUILDING
58	WATER TANK
59	2 WATER TANKS
60	STRUCTURE
61	STRUCTURE
62	BUILDING
63	BUILDING
64	BUILDING
65	BUILDING
66	BUILDING

NOTE: ALL BUILDINGS ARE SINGLE STORY UNLESS OTHERWISE NOTED.
*OVERALL DIMENSIONS

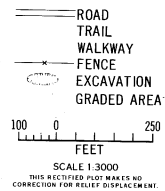


FIGURE 5. RECTIFIED PLOT, SSM BIVOUAC AREA, KY/VLAD MTC.

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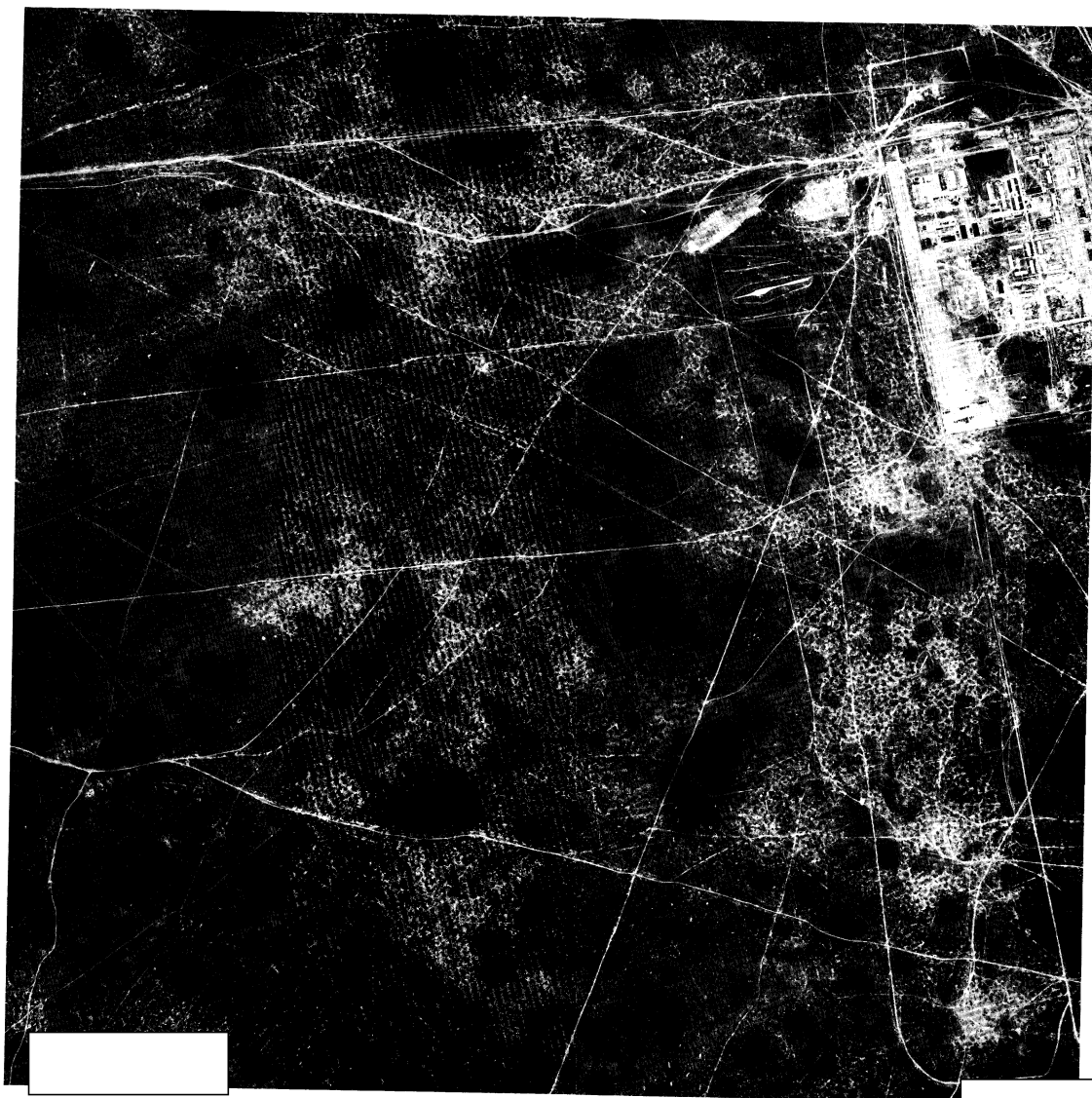


FIGURE 6. OPEN TRAINING AREA, KY/VLAD MTC.

- 8 -

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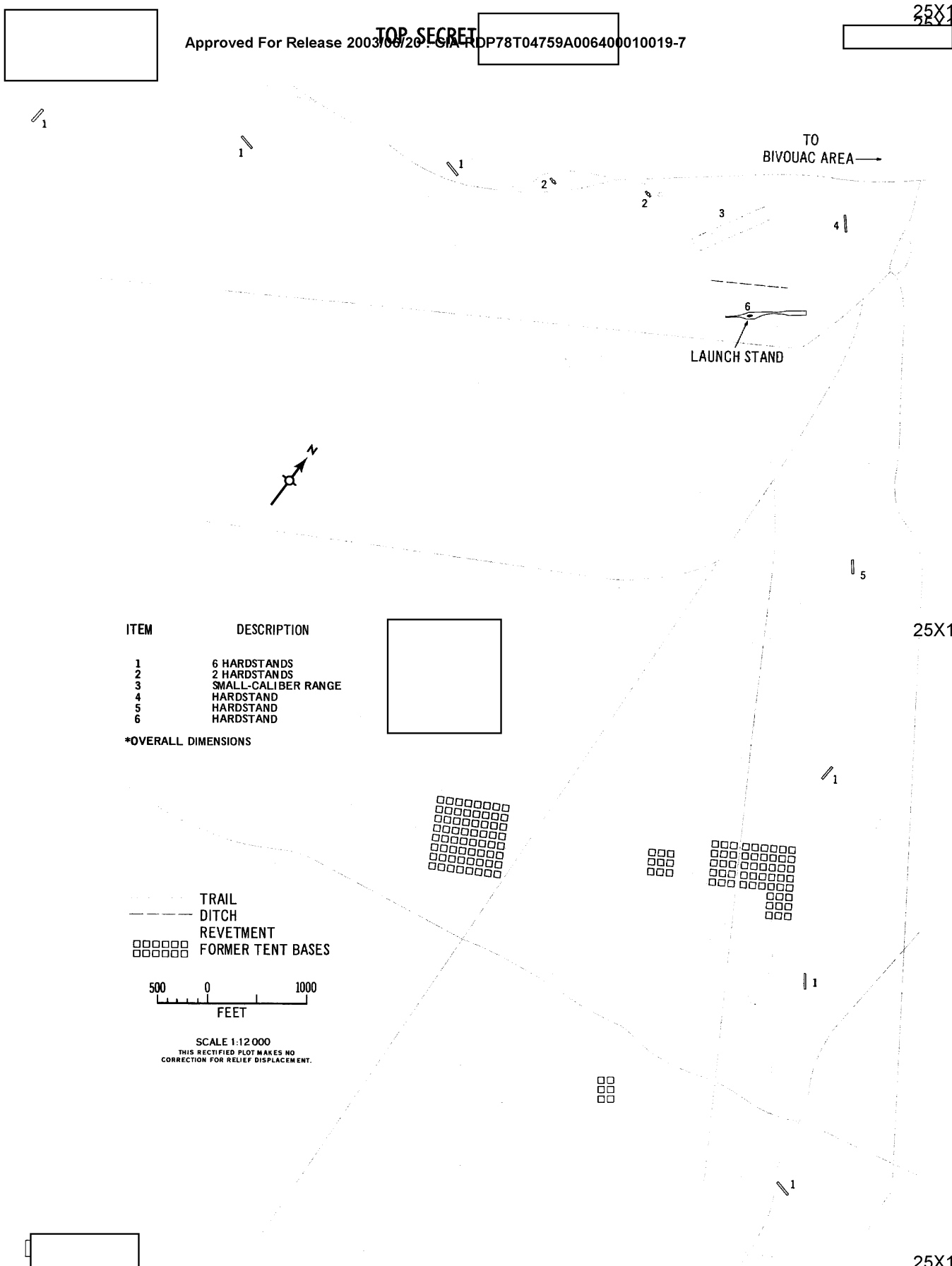


FIGURE 7. RECTIFIED PLOT, OPEN TRAINING AREA, KY/VLAD MTC.

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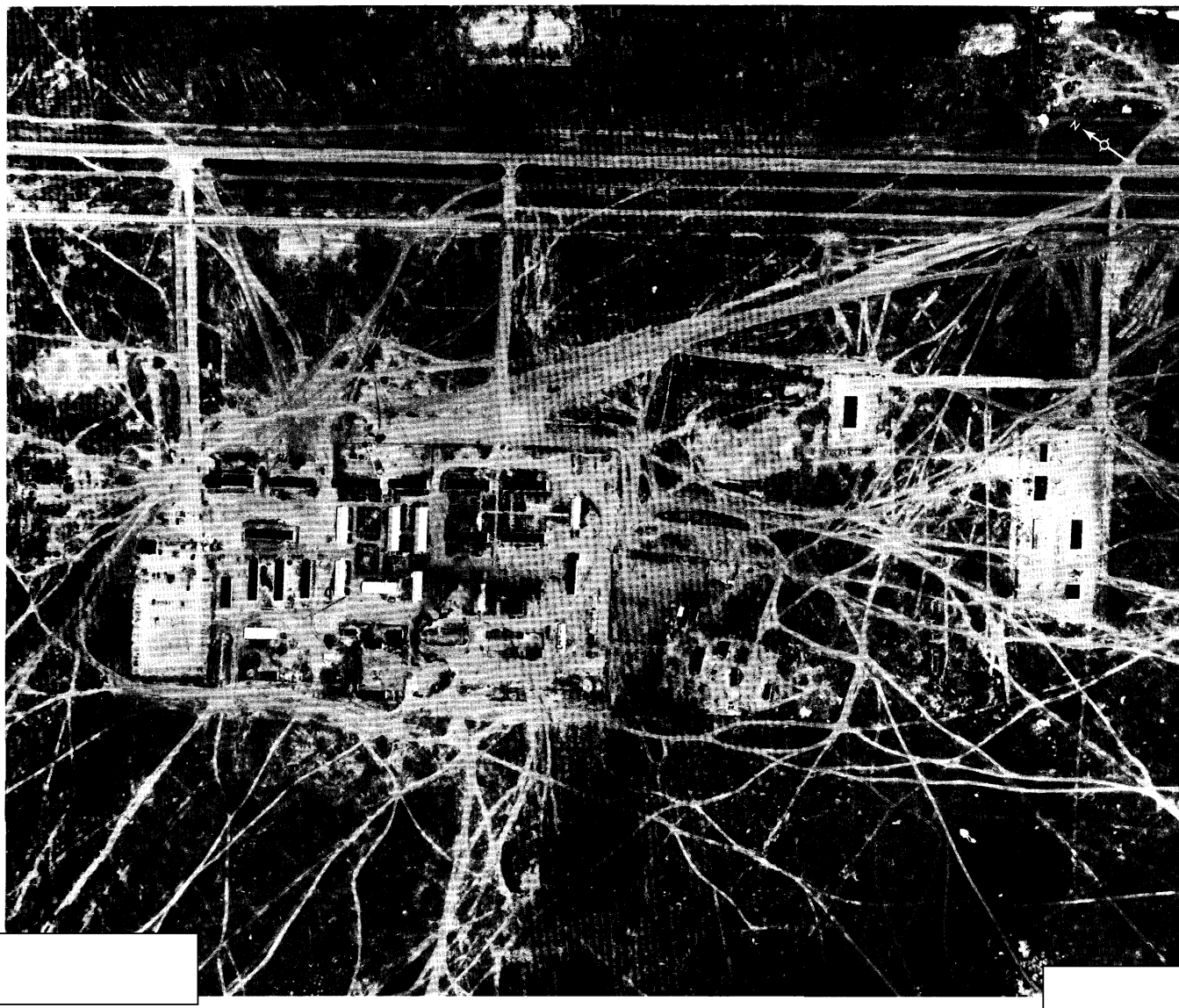


FIGURE 8. COMPLEX C ADMINISTRATION, HOUSING, AND SERVICE AREA NORTH, KY/VLAD MTC.

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ITEM	DESCRIPTION
1	VEHICLE MAINTENANCE BUILDING
2	VEHICLE MAINTENANCE BUILDING
a	
b	
3	BUILDING
4	VEHICLE MAINTENANCE BUILDING
5	SUPPORT BUILDING
6	GATEHOUSE
7	SUPPORT BUILDING
8	MESSHALL
a	
b	
c	
9	4 U/I CIRCULAR STRUCTURES
10	PROB BARRACKS
11	PROB BARRACKS
12	SUPPORT BUILDING
13	2 PROB BARRACKS
14	PROB BARRACKS
15	SUPPORT BUILDING
16	SUPPORT BUILDING
17	EARTH-MOUNDED STRUCTURE
18	SUPPORT BUILDING
19	SUPPORT BUILDING
20	BUILDING U/C
a	
b	

ITEM	DESCRIPTION
21	VEHICLE MAINTENANCE BUILDING
22	VEHICLE MAINTENANCE BUILDING
23	SUPPORT BUILDING
a	
b	
24	STRUCTURE
25	SUPPORT BUILDING
26	VEHICLE MAINTENANCE BUILDING
27	VEHICLE MAINTENANCE BUILDING
28	VEHICLE MAINTENANCE BUILDING
29	2 PROB BARRACKS
30	BARRACKS/ADMIN BUILDING
31	BARRACKS/ADMIN BUILDING
32	BARRACKS/ADMIN BUILDING
33	BARRACKS/ADMIN BUILDING
34	SUPPORT BUILDING
35	SUPPORT BUILDING
36	SUPPORT BUILDING
37	U/I CIRCULAR STRUCTURE
38	PROB BARRACKS
39	PROB BARRACKS
40	BUILDING U/C
41	GATEHOUSE
42	STRUCTURE
43	OUTDOOR THEATER
44	4 PROB BARRACKS
45	4 U/I CIRCULAR STRUCTURES

ITEM	DESCRIPTION
46	BARRACKS/ADMIN BUILDING
47	PROB ADMIN BUILDING
a	
b	
c	
d	
e	
48	PROB ADMIN BUILDING
a	
b	
c	
d	
e	
49	SUPPORT BUILDING
50	HEATPLANT
51	STACK
52	EARTH-MOUNDED STRUCTURE
53	PROB EARTH-MOUNDED STRUCTURE
54	VEHICLE MAINTENANCE BUILDING
55	VEHICLE MAINTENANCE BUILDING
56	STRUCTURE
57	VEHICLE MAINTENANCE BUILDING
58	SUPPORT BUILDING
a	
b	
c	
59	SUPPORT BUILDING
60	STRUCTURE

ITEM	DESCRIPTION
61	SUPPORT BUILDING
62	LOW-ROOFED SUPPORT BUILDING
63	VEHICLE MAINTENANCE BUILDING
64	VEHICLE MAINTENANCE BUILDING
65	VEHICLE MAINTENANCE BUILDING
66	VEHICLE MAINTENANCE BUILDING
a	
b	
c	
67	VEHICLE MAINTENANCE BUILDING
68	VEHICLE MAINTENANCE BUILDING
69	VEHICLE MAINTENANCE BUILDING
70	VEHICLE MAINTENANCE BUILDING
71	VEHICLE MAINTENANCE BUILDING
72	VEHICLE MAINTENANCE BUILDING
73	SUPPORT BUILDING
74	SUPPORT BUILDING
75	STORAGE BUILDING
76	STORAGE BUILDING
77	STORAGE BUILDING
a	
b	
78	LOW-ROOFED SECTION
79	STORAGE BUILDING
80	STORAGE BUILDING

*OVERALL DIMENSIONS

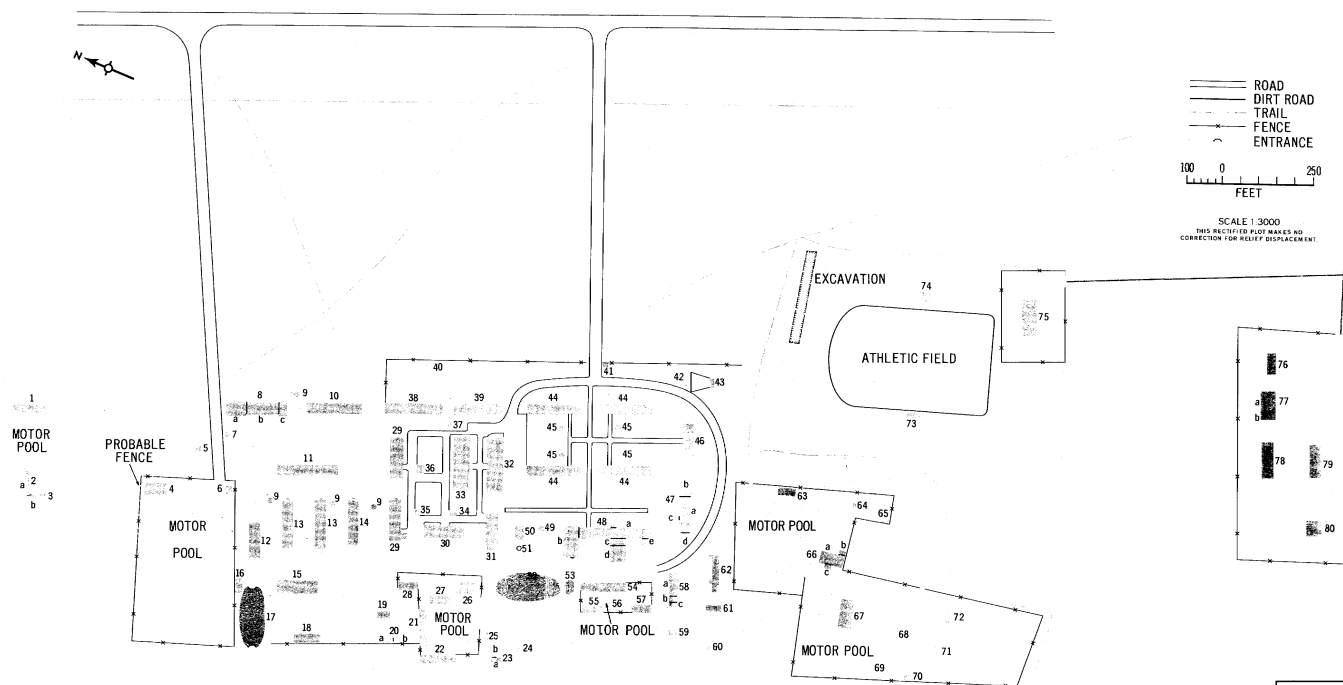


FIGURE 9. RECTIFIED PLOT, COMPLEX C ADMINISTRATION, HOUSING, AND SERVICE AREA NORTH.

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FIGURE 10. COMPLEX C ADMINISTRATION, HOUSING, AND SERVICE AREA SOUTH, KY/VLAD MTC.

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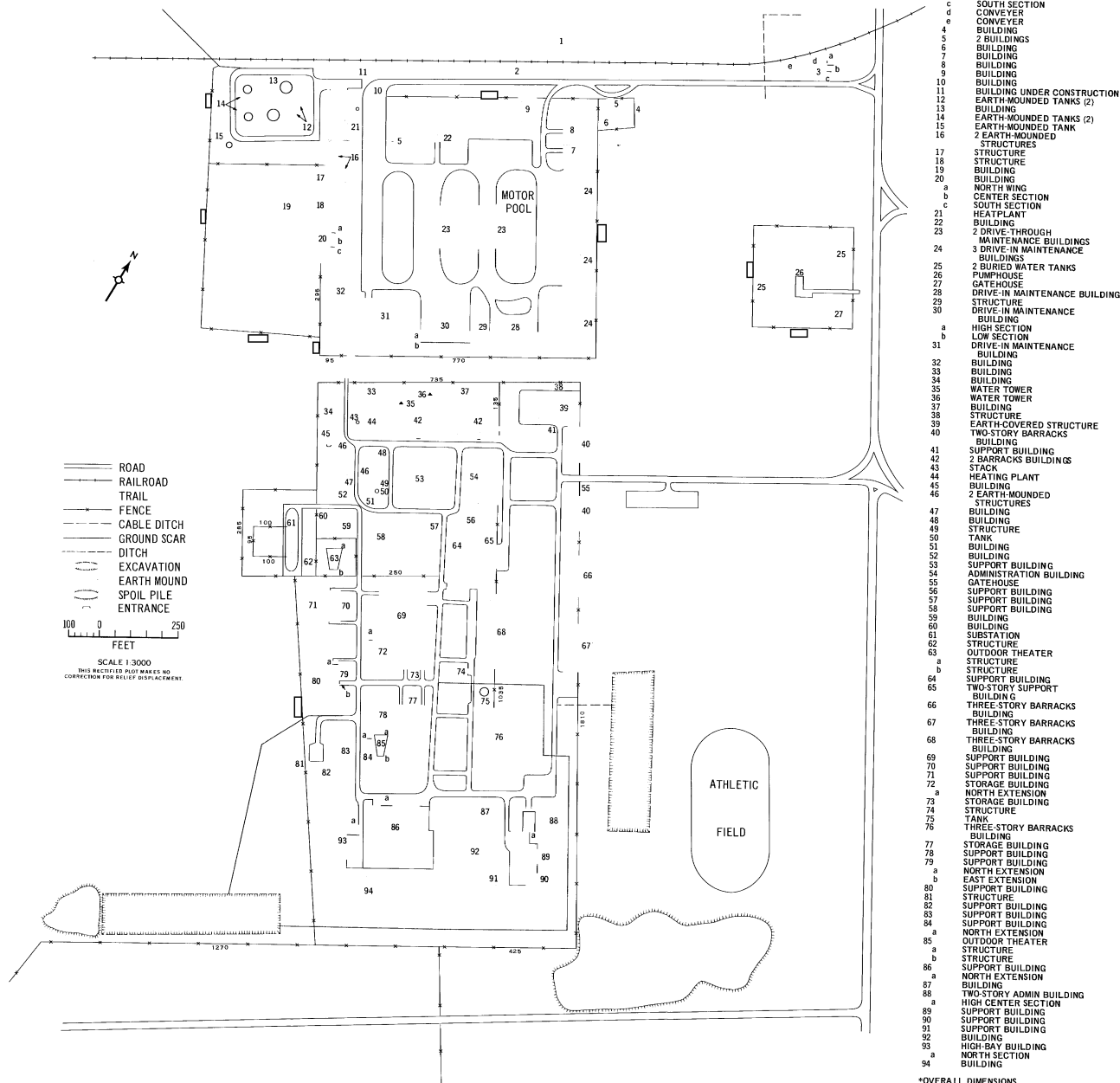


FIGURE 11. RECTIFIED PLOT, COMPLEX C ADMINISTRATION, HOUSING, AND SERVICE AREA SOUTH.

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RELATED DOCUMENT

NPIC. R-5113/64, *Launch Complex C, Kapustin Yar/Vladimirovka Missile Test Center, USSR*, Dec 64 (TOP SECRET)

REQUIREMENT

CIA. C-DI5-82,975

NPIC PROJECT

11211/66 (partial answer)

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